

Pedestrians 2003

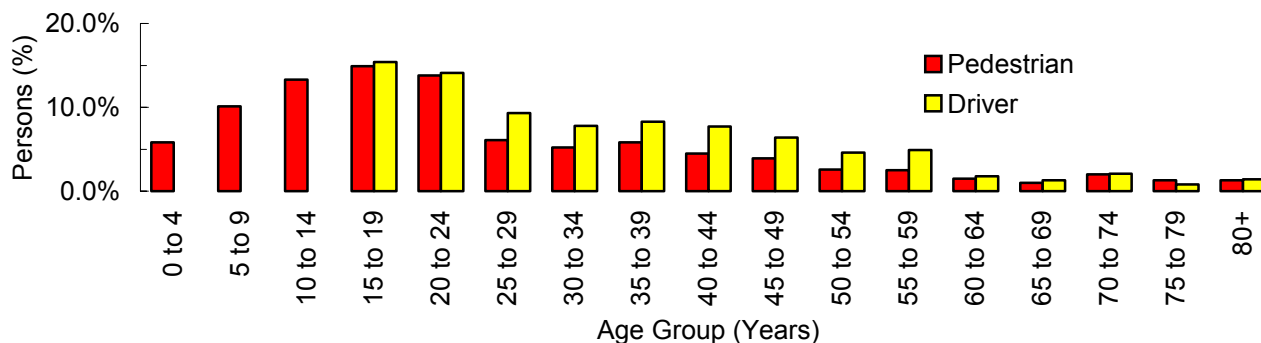
PEDESTRIANS



Did you know that in 2003. . .

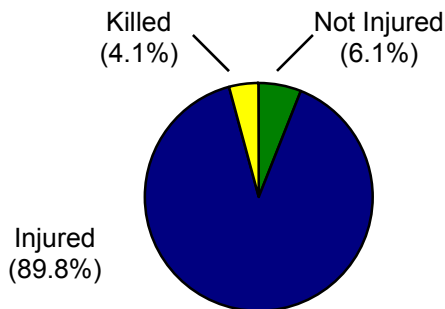
- 686 pedestrians were involved in motor vehicle crashes; 616 were injured, and 28 were killed.
- Fatalities were 20 times higher for pedestrians than for other motor vehicle crash occupants.

Age of Persons Involved in Pedestrian Crashes, Utah 2003



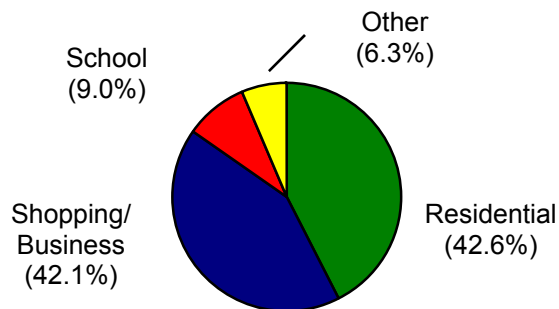
- The highest percentage of pedestrians involved in crashes were aged 15 to 19 years (14.9%).
- Almost half (44.1%) of the pedestrians involved in crashes were under 20 years old.
- The highest percentage of drivers involved in pedestrian crashes were aged 15 to 19 years (15.4%).

Pedestrian Injury Severity, Utah 2003



- Nearly all pedestrians (89.8%) involved in crashes sustained an injury compared to 21.3% of all motor vehicle crash occupants.

Location of Pedestrian-Motor Vehicle Crashes, Utah 2003



- The majority of pedestrian-motor vehicle crashes occurred in residential (42.6%) and shopping/business (42.1%) areas.

Top 3 Driving Factors that Contributed to Pedestrian-Motor Vehicle Crashes:

1. Speed Too Fast (24.1%)
2. Improper Lookout (13.2%)
3. Followed Too Closely (7.9%)

- In addition to the above, "driving under the influence," "had been drinking," and "under the influence of drugs" accounted for 4.0% of pedestrian-motor vehicle crashes.

Top 3 Violations of Drivers Involved in Pedestrian Crashes:

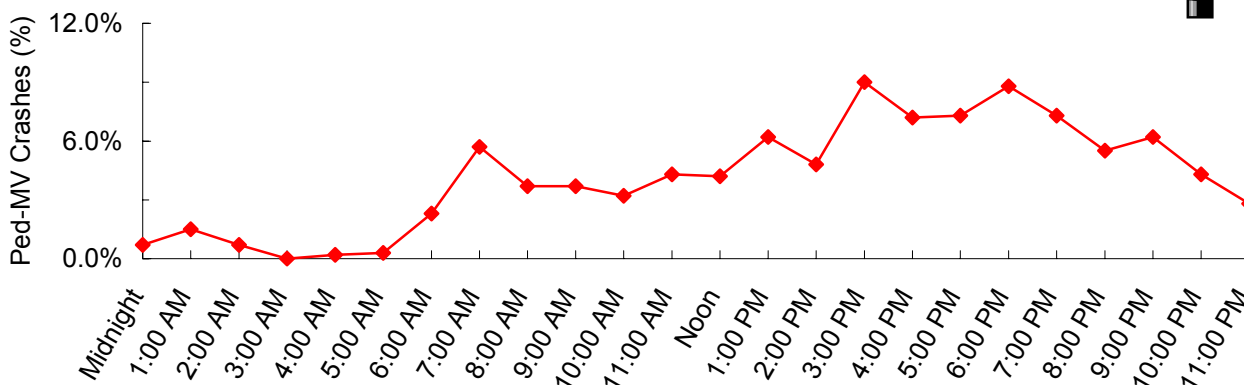
1. Failed to Yield Right-of-Way (50.3%)
2. Improper Lookout (10.6%)
3. Driving Under the Influence (6.9%)

- One-third (30.9%) of drivers involved in pedestrian-motor vehicle crashes received a citation.

PEDESTRIANS

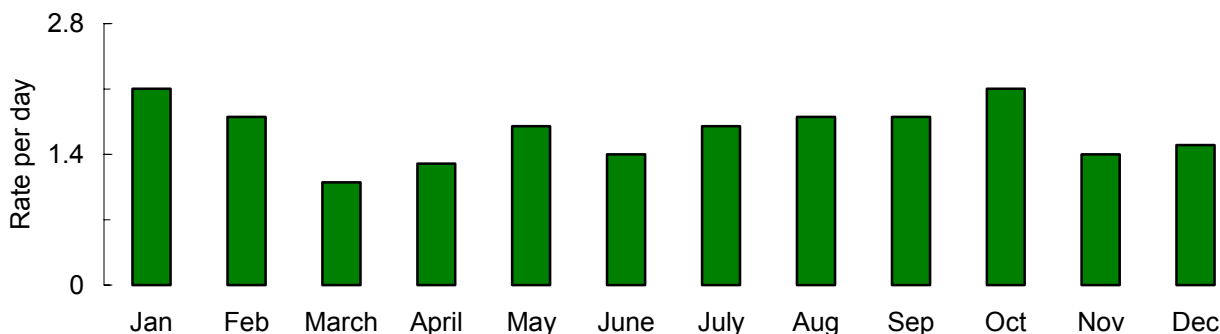


Time of Day Pedestrian Crashes Occurred, Utah 2003



- Pedestrian-motor vehicle crashes occurred most often between 3:00 pm to 7:00 pm. There was also a small peak at 7:00 am.

Month of the Year Pedestrian-Motor Vehicle Crashes Occurred, Utah 2003



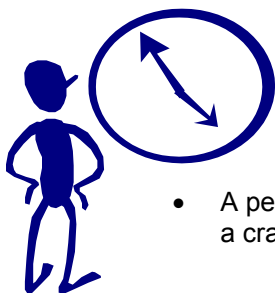
- January (2.1) and October (2.1) had the highest rates per day of pedestrian-motor vehicle crashes.

Actions of Pedestrians Prior to Crashes, Utah 2003

- Crossing Intersection with Signal (18.2%)
- Crossing Not at Intersection (14.7%)
- Crossing Intersection with No Signal (13.4%)
- Other in Roadway (6.0%)
- Crossing Intersection Against Signal (5.7%)

- "Crossing Intersection (with signal, no signal, against signal, diagonally)" comprised 38.2% of pedestrian actions prior to crashes.

Pedestrian Crash Clock



- A pedestrian was involved in a crash every 13 hours.

Alcohol and Other Drug Involvement



- Of the 28 pedestrians killed in 2003, 1 pedestrian was impaired by alcohol or other drugs.
- Of the drivers involved in fatal pedestrian-motor vehicle crashes, 3 drivers were impaired by alcohol or other drugs.

Section 7: Pedestrians

Section 7: Pedestrians 2003

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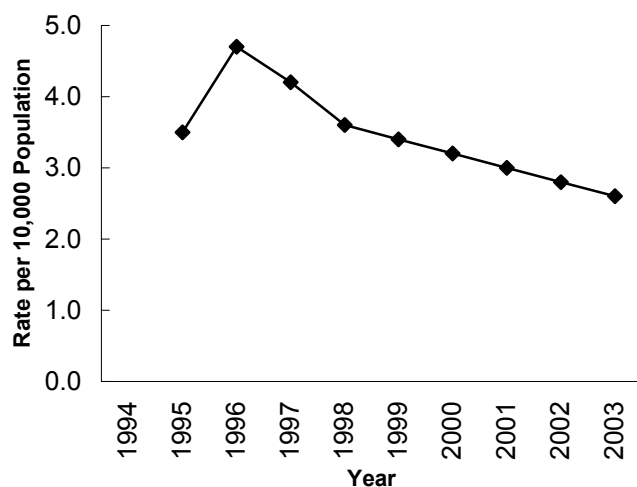
Trends

Pedestrians Involved in Crashes 1994-2003

Pedestrians									
Year	Population	Non-Injured Pedestrians		Injured Pedestrians		Pedestrians Killed		Total Pedestrians	
		Non-Injured Pedestrians #	Rate per 10,000 Population	Injured Pedestrians #	Rate per 10,000 Population	Pedestrians Killed #	Rate per 10,000 Population	All Pedestrians #	Rate per 10,000 Population
1994	1,946,721	N/A	N/A	N/A	N/A	40	0.21	N/A	N/A
1995	1,995,228	25	0.13	699	3.5	44	0.22	768	3.8
1996	2,042,893	49	0.24	966	4.7	33	0.16	1,048	5.1
1997	2,099,409	41	0.20	889	4.2	39	0.19	969	4.6
1998	2,141,632	33	0.15	774	3.6	43	0.20	850	4.0
1999	2,193,014	32	0.15	748	3.4	38	0.17	818	3.7
2000	2,246,553	44	0.20	708	3.2	33	0.15	785	3.5
2001	2,295,971	39	0.17	682	3.0	33	0.14	754	3.3
2002	2,338,761	32	0.14	664	2.8	25	0.11	721	3.1
2003	2,385,358	42	0.18	616	2.6	28	0.12	686	2.9
Total	21,685,540	337	0.16	6,746	3.1	356	0.16	7,439	3.4

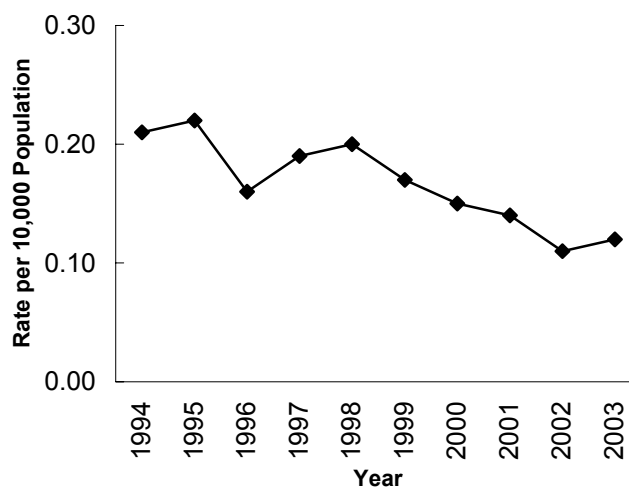
- In 2003, the rate of pedestrians injured in crashes was 2.6; a 7% decrease from 2002.
- However, in 2003, Utah experienced a 9% increase from 2002 in the rate of pedestrians killed in crashes.

**Pedestrians Injured in Crashes
(Utah 1994-2003)**



- Over the last ten years, total pedestrians involved in crashes and pedestrians injured in crashes have followed a similar trend.
- The highest rate of total pedestrians involved in crashes (5.1) and the highest rate of pedestrians injured in crashes (4.7) occurred in 1996, and have decreased every year since.

**Pedestrians Killed in Crashes
(Utah 1994-2003)**



- The highest rate of pedestrians killed in crashes occurred in 1995 (0.22) and went up again in 1998 (0.20).
- The rate of pedestrians killed in crashes decreased every year since 1998, until 2003 where there was a slight increase.

NOTE: Part of the decrease in reported pedestrians involved in crashes from 1997 forward is due to a change in reporting criteria initiated in 1997 that excluded private property crashes. As a result, pedestrians that were involved in crashes that occurred in a parking lot, driveway, sidewalk and other private roadways are not included from 1997 forward.

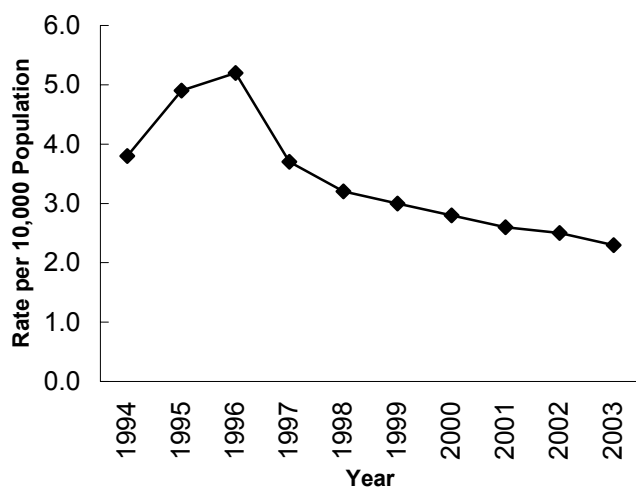
Trends

Pedestrian-Motor Vehicle Crashes 1994-2003

Pedestrian-Motor Vehicle Crashes									
Year	Population	Property Damage Only (PDO)		Injury		Fatal		Total	
		Ped-MV PDO Crashes #	Rate per 10,000 Population	Ped-MV Injury Crashes #	Rate per 10,000 Population	Ped-MV Fatal Crashes #	Rate per 10,000 Population	All Ped-MV Crashes #	Rate per 10,000 Population
1994	1,946,721	293	1.5	745	3.8	37	0.19	1,075	5.5
1995	1,995,228	87	0.4	981	4.9	40	0.20	1,108	5.6
1996	2,042,893	44	0.2	1,060	5.2	33	0.16	1,137	5.6
1997	2,099,409	77	0.4	773	3.7	34	0.16	884	4.2
1998	2,141,632	28	0.1	679	3.2	41	0.19	748	3.5
1999	2,193,014	24	0.1	661	3.0	35	0.16	720	3.3
2000	2,246,553	31	0.1	626	2.8	30	0.13	687	3.1
2001	2,295,971	30	0.1	597	2.6	28	0.12	655	2.9
2002	2,338,761	28	0.1	584	2.5	24	0.10	636	2.7
2003	2,385,358	36	0.2	540	2.3	23	0.10	599	2.5
Total	21,685,540	678	0.3	7,246	3.3	325	0.15	8,249	3.8

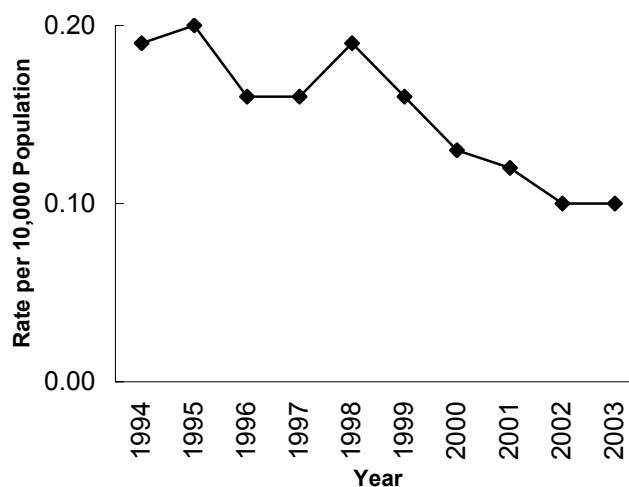
- In 2003, the rate of pedestrian-motor vehicle injury crashes was 2.3; an 8% decrease from 2002.
- However, in 2003, the rate of fatal pedestrian-motor vehicle crashes remained the same as 2002 at 0.10.

Pedestrian-Motor Vehicle Injury Crashes (Utah 1994-2003)



- Over the last ten years, total pedestrian-motor vehicle crashes and pedestrian-motor vehicle injury crashes have followed a similar trend.
- The highest rate of total pedestrian-motor vehicle crashes (5.6) and the highest rate of pedestrian-motor vehicle injury crashes (5.2) occurred in 1996, and have decreased every year since.

Fatal Pedestrian-Motor Vehicle Crashes (Utah 1994-2003)



- The highest rate of fatal pedestrian-motor vehicle crashes occurred in 1995 (0.20) and went up again in 1998 (0.19).
- The rate of fatal pedestrian-motor vehicle crashes decreased every year since 1998, until 2003 where there rate stayed the same.

NOTE: Part of the decrease in reported pedestrian-motor vehicle crashes from 1997 forward is due to a change in reporting criteria initiated in 1997 that excluded private property crashes. As a result, pedestrian-motor vehicle crashes that occurred in a parking lot, driveway, sidewalk and other private roadways are not included from 1997 forward.

Counties

Pedestrians Involved in Crashes by County (Utah 2003)

Pedestrians												
County	Non-Injured Pedestrians			Injured Pedestrians			Pedestrians Killed			Total Pedestrians		
	Non-Injured Ped. #	Rate per 100 Million VMT	Rate per 10,000 Population	Injured Ped. #	Rate per 100 Million VMT	Rate per 10,000 Population	Ped. Killed #	Rate per 100 Million VMT	Rate per 10,000 Population	All Ped. #	Rate per 100 Million VMT	Rate per 10,000 Population
Beaver	0	0.0	0.0	1	0.4	1.6	0	0.0	0.0	1	0.4	1.6
Box Elder	2	0.2	0.5	8	0.9	1.8	1	0.1	0.2	11	1.3	2.5
Cache	0	0.0	0.0	18	2.2	1.8	1	0.1	0.1	19	2.3	1.9
Carbon	0	0.0	0.0	2	0.7	1.0	0	0.0	0.0	2	0.7	1.0
Daggett	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Davis	4	0.2	0.2	60	2.7	2.3	1	0.0	0.0	65	2.9	2.5
Duchesne	0	0.0	0.0	1	0.5	0.7	0	0.0	0.0	1	0.5	0.7
Emery	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Garfield	0	0.0	0.0	1	0.8	2.2	0	0.0	0.0	1	0.8	2.2
Grand	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Iron	0	0.0	0.0	4	0.6	1.1	1	0.2	0.3	5	0.8	1.4
Juab	1	0.3	1.1	4	1.1	4.6	0	0.0	0.0	5	1.3	5.7
Kane	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Millard	0	0.0	0.0	1	0.2	0.8	1	0.2	0.8	2	0.5	1.6
Morgan	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Piute	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Rich	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Salt Lake	20	0.3	0.2	319	4.0	3.4	11	0.1	0.1	350	4.4	3.7
San Juan	0	0.0	0.0	1	0.4	0.7	0	0.0	0.0	1	0.4	0.7
Sanpete	0	0.0	0.0	1	0.4	0.4	0	0.0	0.0	1	0.4	0.4
Sevier	1	0.3	0.5	3	0.8	1.6	0	0.0	0.0	4	1.0	2.1
Summit	0	0.0	0.0	5	0.8	1.5	1	0.2	0.3	6	0.9	1.8
Tooele	0	0.0	0.0	4	0.5	0.8	1	0.1	0.2	5	0.6	1.0
Uintah	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Utah	5	0.1	0.1	104	3.1	2.5	3	0.1	0.1	112	3.3	2.7
Wasatch	0	0.0	0.0	3	1.2	1.7	0	0.0	0.0	3	1.2	1.7
Washington	3	0.3	0.3	19	1.9	1.8	5	0.5	0.5	27	2.7	2.6
Wayne	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Weber	6	0.4	0.3	57	3.8	2.8	2	0.1	0.1	65	4.4	3.2
Statewide	42	0.2	0.2	616	2.6	2.6	28	0.1	0.1	686	2.9	2.9

- Two different rates are given in the above table; one based on vehicle miles traveled in the county, and another based on the population of the county.
- Rate per 100 million vehicle miles traveled:
 - Salt Lake (4.0), Weber (3.8) and Utah county (3.1) had the highest rates of pedestrians injured in crashes per 100 million vehicle miles traveled.
 - Washington county (0.5) had the highest rate of pedestrians killed in crashes per 100 million vehicle miles traveled.
- Rate per 10,000 population:
 - Juab (4.6), Salt Lake (3.4) and Weber county (2.8) had the highest rates of pedestrians injured in crashes per 10,000 population.
 - Millard (0.8) and Washington county (0.5) had the highest rates of pedestrians killed in crashes per 10,000 population.

Counties

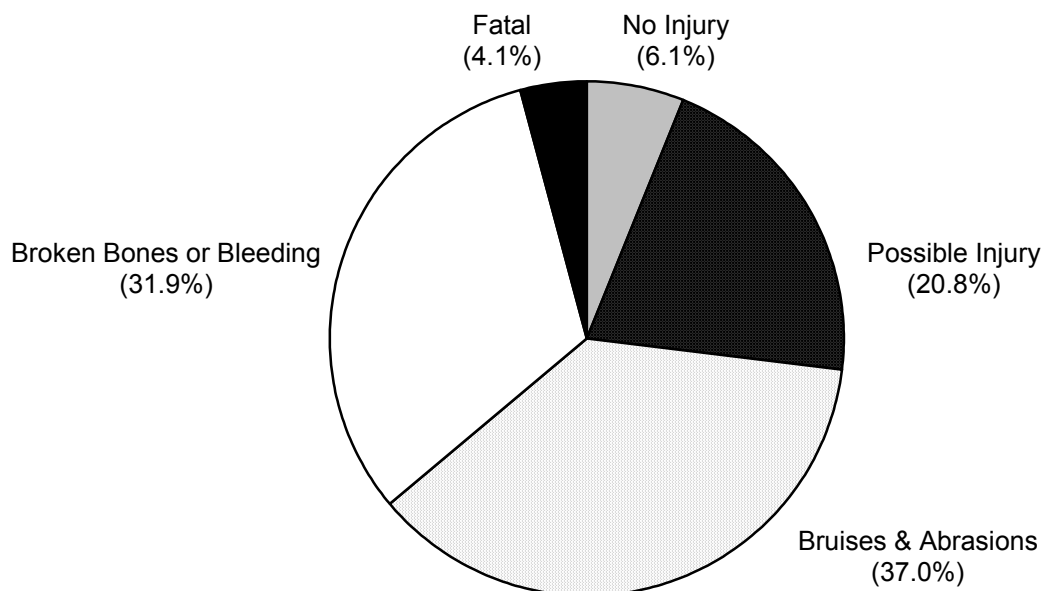
Pedestrian-Motor Vehicle Crashes by County (Utah 2003)

Pedestrian-Motor Vehicle Crashes												
County	Property Damage Only (PDO)			Injury			Fatal			Total		
	Ped-MV PDO Crashes #	Rate per 100 Million VMT	Rate per 10,000 Population	Ped-MV Injury Crashes #	Rate per 100 Million VMT	Rate per 10,000 Population	Ped-MV Fatal Crashes #	Rate per 100 Million VMT	Rate per 10,000 Population	All Ped-MV Crashes #	Rate per 100 Million VMT	Rate per 10,000 Population
Beaver	0	0.0	0.0	1	0.4	1.6	0	0.0	0.0	1	0.4	1.6
Box Elder	1	0.1	0.2	6	0.7	1.4	1	0.1	0.2	8	0.9	1.8
Cache	0	0.0	0.0	17	2.0	1.7	1	0.1	0.1	18	2.2	1.8
Carbon	0	0.0	0.0	2	0.7	1.0	0	0.0	0.0	2	0.7	1.0
Daggett	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Davis	6	0.3	0.2	54	2.4	2.1	1	0.0	0.0	61	2.7	2.4
Duchesne	0	0.0	0.0	1	0.5	0.7	0	0.0	0.0	1	0.5	0.7
Emery	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Garfield	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Grand	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Iron	0	0.0	0.0	3	0.5	0.8	1	0.2	0.3	4	0.6	1.1
Juab	0	0.0	0.0	2	0.5	2.3	0	0.0	0.0	2	0.5	2.3
Kane	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Millard	0	0.0	0.0	1	0.2	0.8	1	0.2	0.8	2	0.5	1.6
Morgan	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Plute	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Rich	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Salt Lake	17	0.2	0.2	285	3.6	3.0	9	0.1	0.1	311	3.9	3.3
San Juan	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Sanpete	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Sevier	2	0.5	1.0	4	1.0	2.1	0	0.0	0.0	6	1.5	3.1
Summit	0	0.0	0.0	4	0.6	1.2	1	0.2	0.3	5	0.8	1.5
Tooele	0	0.0	0.0	2	0.3	0.4	0	0.0	0.0	2	0.3	0.4
Uintah	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Utah	6	0.2	0.1	91	2.7	2.2	2	0.1	0.0	99	2.9	2.4
Wasatch	0	0.0	0.0	3	1.2	1.7	0	0.0	0.0	3	1.2	1.7
Washington	1	0.1	0.1	13	1.3	1.2	4	0.4	0.4	18	1.8	1.7
Wayne	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Weber	3	0.2	0.1	51	3.4	2.5	2	0.1	0.1	56	3.7	2.7
Statewide	36	0.2	0.2	540	2.3	2.3	23	0.1	0.1	599	2.5	2.5

- Two different rates are given in the above table; one based on vehicle miles traveled in the county, and another based on the population of the county.
- Rate per 100 million vehicle miles traveled:
 - Salt Lake (3.6), Weber (3.4) and Utah county (2.7) had the highest rates of pedestrian-motor vehicle injury crashes per 100 million vehicle miles traveled.
 - Washington county (0.4) had the highest rate of fatal pedestrian-motor vehicle crashes per 100 million vehicle miles traveled.
- Rate per 10,000 population:
 - Salt Lake (3.0), Weber (2.5) and Juab county (2.3) had the highest rates of pedestrian-motor vehicle injury crashes per 10,000 population.
 - Millard (0.8) and Washington (0.4) had the highest rates of fatal pedestrian-motor vehicle crashes per 10,000 population.

Pedestrian Characteristics

Injury Severity of Pedestrians Involved in Crashes (Utah 2003)



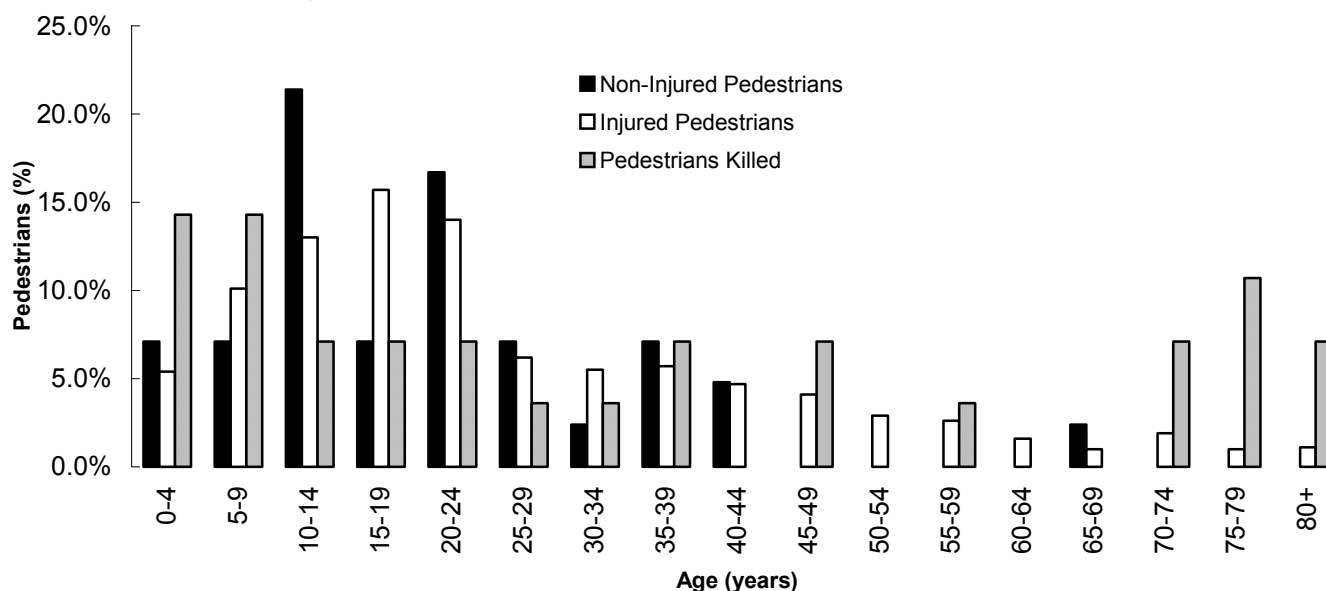
- In the above table, there were a total of 686 pedestrians involved in crashes.
- The above graph shows that 89.7% of pedestrians involved in crashes sustained an injury compared to 21.3% of all motor vehicle crash occupants.
- The percentage of pedestrians killed in crashes (4.1%) was much higher than the percentage for all motor vehicle crash occupants (0.2%).
- In fact, fatalities were 20 times higher for pedestrians than for other motor vehicle crash occupants.

Pedestrian Characteristics

Age of Pedestrians Involved in Crashes (Utah 2003)

Age	Pedestrians							
	Non-Injured Pedestrians		Injured Pedestrians		Pedestrians Killed		Total Pedestrians	
	#	%	#	%	#	%	#	%
0-4	3	7.1%	33	5.4%	4	14.3%	40	5.8%
5-9	3	7.1%	62	10.1%	4	14.3%	69	10.1%
10-14	9	21.4%	80	13.0%	2	7.1%	91	13.3%
15-19	3	7.1%	97	15.7%	2	7.1%	102	14.9%
20-24	7	16.7%	86	14.0%	2	7.1%	95	13.8%
25-29	3	7.1%	38	6.2%	1	3.6%	42	6.1%
30-34	1	2.4%	34	5.5%	1	3.6%	36	5.2%
35-39	3	7.1%	35	5.7%	2	7.1%	40	5.8%
40-44	2	4.8%	29	4.7%	0	0.0%	31	4.5%
45-49	0	0.0%	25	4.1%	2	7.1%	27	3.9%
50-54	0	0.0%	18	2.9%	0	0.0%	18	2.6%
55-59	0	0.0%	16	2.6%	1	3.6%	17	2.5%
60-64	0	0.0%	10	1.6%	0	0.0%	10	1.5%
65-69	1	2.4%	6	1.0%	0	0.0%	7	1.0%
70-74	0	0.0%	12	1.9%	2	7.1%	14	2.0%
75-79	0	0.0%	6	1.0%	3	10.7%	9	1.3%
80+	0	0.0%	7	1.1%	2	7.1%	9	1.3%
Missing	7	16.7%	22	3.6%	0	0.0%	29	4.2%
Total	42	100.0%	616	100.0%	28	100.0%	686	100.0%

Age of Pedestrians Involved in Crashes (Utah 2003)



- Overall, the largest percentage of pedestrians involved in crashes were aged 15 to 19 years (14.9%). This age group also represented the largest percentage of pedestrians injured in crashes (15.7%).
- The highest percentage of pedestrian fatalities occurred in the 0 to 4 year age group (14.3%) and the 5 to 9 year age group (14.3%).

Pedestrian Characteristics

Gender of Pedestrians Involved in Crashes (Utah 2003)

Gender	Pedestrians							
	Non-Injured Pedestrians		Injured Pedestrians		Pedestrians Killed		Total Pedestrians	
	#	%	#	%	#	%	#	%
Female	9	21.4%	261	42.4%	11	39.3%	281	41.0%
Male	30	71.4%	354	57.5%	17	60.7%	401	58.5%
Missing	3	7.1%	1	0.2%	0	0.0%	4	0.6%
Total	42	100.0%	616	100.0%	28	100.0%	686	100.0%

- The majority of all pedestrians (58.5%), injured pedestrians (57.5%) and pedestrians killed (60.7%) in crashes were male.

Actions of Pedestrians Prior to Crashes (Utah 2003)

Pedestrian Action Prior to Crash	Pedestrians							
	Non-Injured Pedestrians		Injured Pedestrians		Pedestrians Killed		Total Pedestrians	
	#	%	#	%	#	%	#	%
Crossing Intersection with Signal	9	21.4%	114	18.5%	2	7.1%	125	18.2%
Crossing Not at Intersection	2	4.8%	90	14.6%	9	32.1%	101	14.7%
Crossing Intersection with No Signal	3	7.1%	86	14.0%	3	10.7%	92	13.4%
Other in Roadway	2	4.8%	38	6.2%	1	3.6%	41	6.0%
Crossing Intersection Against Signal	2	4.8%	35	5.7%	2	7.1%	39	5.7%
Not in Roadway	0	0.0%	21	3.4%	3	10.7%	24	3.5%
Coming From Behind Parked Cars	0	0.0%	23	3.7%	0	0.0%	23	3.4%
Walking in Roadway with Traffic	0	0.0%	17	2.8%	2	7.1%	19	2.8%
Other Working in Roadway	0	0.0%	13	2.1%	0	0.0%	13	1.9%
Walking on Sidewalk	0	0.0%	12	1.9%	1	3.6%	13	1.9%
Other Standing in Roadway	2	4.8%	10	1.6%	0	0.0%	12	1.7%
Crosswalk Not at Intersection	0	0.0%	12	1.9%	0	0.0%	12	1.7%
Playing in Roadway	0	0.0%	9	1.5%	0	0.0%	9	1.3%
Riding in Roadway with Traffic	0	0.0%	9	1.5%	0	0.0%	9	1.3%
Walking To or From School	1	2.4%	8	1.3%	0	0.0%	9	1.3%
Walking in Roadway Against Traffic	1	2.4%	6	1.0%	1	3.6%	8	1.2%
Getting On or Off Other Vehicle	0	0.0%	8	1.3%	0	0.0%	8	1.2%
Hitching on Vehicle	0	0.0%	7	1.1%	0	0.0%	7	1.0%
Crossing Intersection Diagonally	1	2.4%	5	0.8%	0	0.0%	6	0.9%
Riding on Sidewalk	1	2.4%	5	0.8%	0	0.0%	6	0.9%
Getting On or Off Bus	0	0.0%	5	0.8%	0	0.0%	5	0.7%
Pushing or Working on Vehicle in Roadway	2	4.8%	3	0.5%	0	0.0%	5	0.7%
Riding in Roadway Against Traffic	0	0.0%	2	0.3%	0	0.0%	2	0.3%
Standing on Median Island in Crosswalk	0	0.0%	1	0.2%	0	0.0%	1	0.1%
Lying in Roadway	0	0.0%	1	0.2%	0	0.0%	1	0.1%
Missing	16	38.1%	76	12.3%	4	14.3%	96	14.0%
Total	42	100.0%	616	100.0%	28	100.0%	686	100.0%

- Leading pedestrian actions prior to crashes were "crossing intersection (with signal, no signal, against signal, diagonally)" (38.2%).

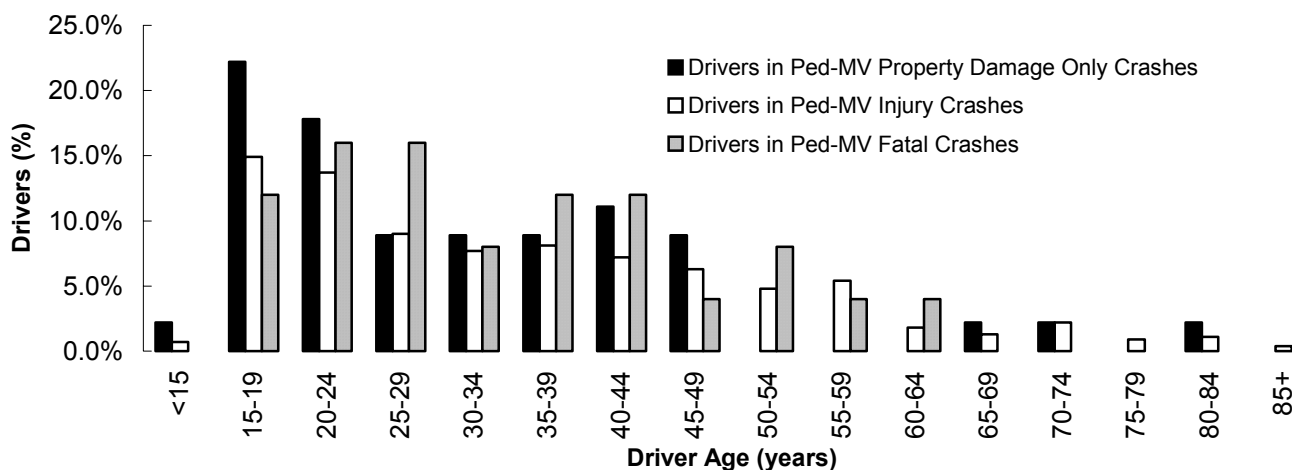
Driver Characteristics

Driver Age (Utah 2003)

Driver Age	Drivers							
	Drivers Involved in Pedestrian-MV Property Damage Only Crashes		Drivers Involved in Pedestrian-MV Injury Crashes		Drivers Involved in Pedestrian-MV Fatal Crashes		Total Drivers Involved in Pedestrian-MV Crashes	
	#	%	#	%	#	%	#	%
<15	1	2.2%	4	0.7%	0	0.0%	5	0.8%
15-19	10	22.2%	81	14.9%	3	12.0%	94	15.4%
20-24	8	17.8%	74	13.7%	4	16.0%	86	14.1%
25-29	4	8.9%	49	9.0%	4	16.0%	57	9.3%
30-34	4	8.9%	42	7.7%	2	8.0%	48	7.8%
35-39	4	8.9%	44	8.1%	3	12.0%	51	8.3%
40-44	5	11.1%	39	7.2%	3	12.0%	47	7.7%
45-49	4	8.9%	34	6.3%	1	4.0%	39	6.4%
50-54	0	0.0%	26	4.8%	2	8.0%	28	4.6%
55-59	0	0.0%	29	5.4%	1	4.0%	30	4.9%
60-64	0	0.0%	10	1.8%	1	4.0%	11	1.8%
65-69	1	2.2%	7	1.3%	0	0.0%	8	1.3%
70-74	1	2.2%	12	2.2%	0	0.0%	13	2.1%
75-79	0	0.0%	5	0.9%	0	0.0%	5	0.8%
80-84	1	2.2%	6	1.1%	0	0.0%	7	1.1%
85+	0	0.0%	2	0.4%	0	0.0%	2	0.3%
Missing	2	4.4%	78	14.4%	1	4.0%	81	13.2%
Total	45	100.0%	542	100.0%	25	100.0%	612	100.0%

NOTE: More than one driver may be involved in a pedestrian-motor vehicle crash and driver information may be missing (e.g., hit and run).

Age of Drivers Involved in Pedestrian-Motor Vehicle Crashes (Utah 2003)



- The above table and graph show that drivers between the ages of 15 to 19 years represented the greatest percentage of drivers involved in total pedestrian-motor vehicle crashes (15.4%) and pedestrian-motor vehicle injury crashes (14.9%).
- The percentage of drivers involved in fatal pedestrian-motor vehicle crashes was highest for those aged 20 to 24 years (16.0%) and 25 to 29 years (16.0%).

Driver Characteristics

Driver Gender (Utah 2003)

Drivers							
Driver Gender	Drivers Involved in Pedestrian-MV Property Damage Only Crashes		Drivers Involved in Pedestrian-MV Injury Crashes		Drivers Involved in Pedestrian-MV Fatal Crashes		Total Drivers Involved in Pedestrian-MV Crashes
	#	%	#	%	#	%	# %
Female	18	40.0%	218	40.2%	8	32.0%	244 39.9%
Male	26	57.8%	264	48.7%	17	68.0%	307 50.2%
Missing	1	2.2%	60	11.1%	0	0.0%	61 10.0%
Total	45	100.0%	542	100.0%	25	100.0%	612 100.0%

NOTE: More than one driver may be involved in a pedestrian-motor vehicle crash and driver information may be missing (e.g., hit and run).

- The majority of drivers involved in total pedestrian-motor vehicle crashes (50.2%), pedestrian-motor vehicle injury crashes (48.7%) and fatal pedestrian-motor vehicle crashes (68.0%) were male.

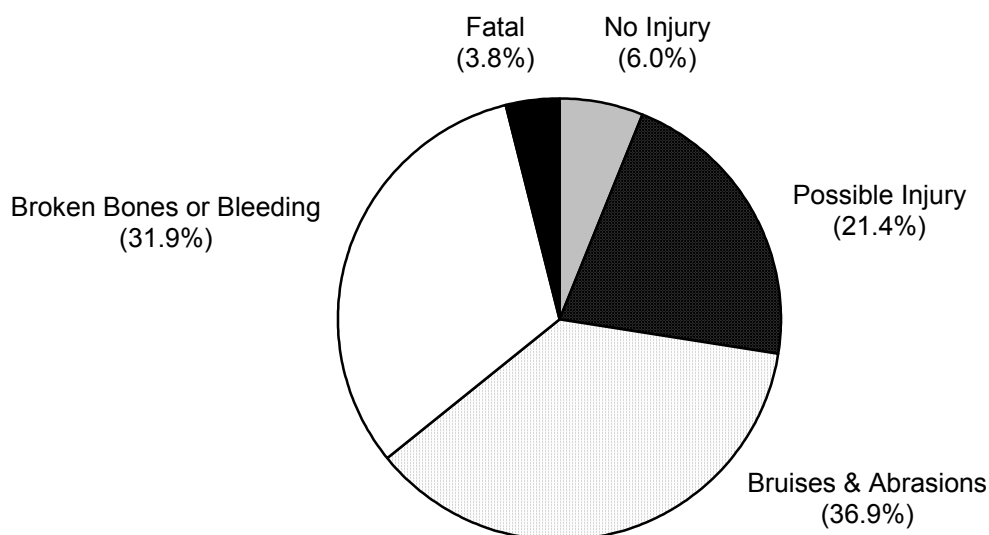
Alcohol and Other Drug Involvement of Pedestrians and Motor Vehicle Drivers (Utah 2003)



- Of the 28 pedestrians killed in 2003, 1 pedestrian was impaired by alcohol or other drugs.
- Of the drivers involved in fatal pedestrian-motor vehicle crashes, 3 drivers were impaired by alcohol or other drugs.

Pedestrian-Motor Vehicle Crash Characteristics

Pedestrian-Motor Vehicle Crash Severity (Utah 2003)



- In the above table, there were a total of 599 pedestrian-motor vehicle crashes.
- The above graph shows that 90.2% of pedestrian-motor vehicle crashes resulted in some level of injury compared to 36.3% of all motor vehicle crashes.
- Moreover, 3.8% of pedestrian-motor vehicle crashes resulted in a fatality, compared to 0.5% of all motor vehicle crashes.

Pedestrian-Motor Vehicle Crashes by Month of Year (Utah 2003)

Pedestrian-Motor Vehicle Crashes									
Month	Days in Month #	Property Damage Only (PDO)		Injury		Fatal		Total	
		Pedestrian-MV PDO Crashes #	Rate per Day	Pedestrian-MV Injury Crashes #	Rate per Day	Pedestrian-MV Fatal Crashes #	Rate per Day	All Pedestrian-MV Crashes #	Rate per Day
January	31	3	0.1	56	1.8	6	0.2	65	2.1
February	28	4	0.1	44	1.6	1	0.0	49	1.8
March	31	1	0.0	32	1.0	1	0.0	34	1.1
April	30	5	0.2	30	1.0	3	0.1	38	1.3
May	31	5	0.2	46	1.5	2	0.1	53	1.7
June	30	3	0.1	37	1.2	1	0.0	41	1.4
July	31	3	0.1	49	1.6	0	0.0	52	1.7
August	31	3	0.1	50	1.6	4	0.1	57	1.8
September	30	0	0.0	53	1.8	2	0.1	55	1.8
October	31	4	0.1	59	1.9	2	0.1	65	2.1
November	30	2	0.1	40	1.3	0	0.0	42	1.4
December	31	3	0.1	44	1.4	1	0.0	48	1.5
Total	365	36	0.1	540	1.5	23	0.1	599	1.6

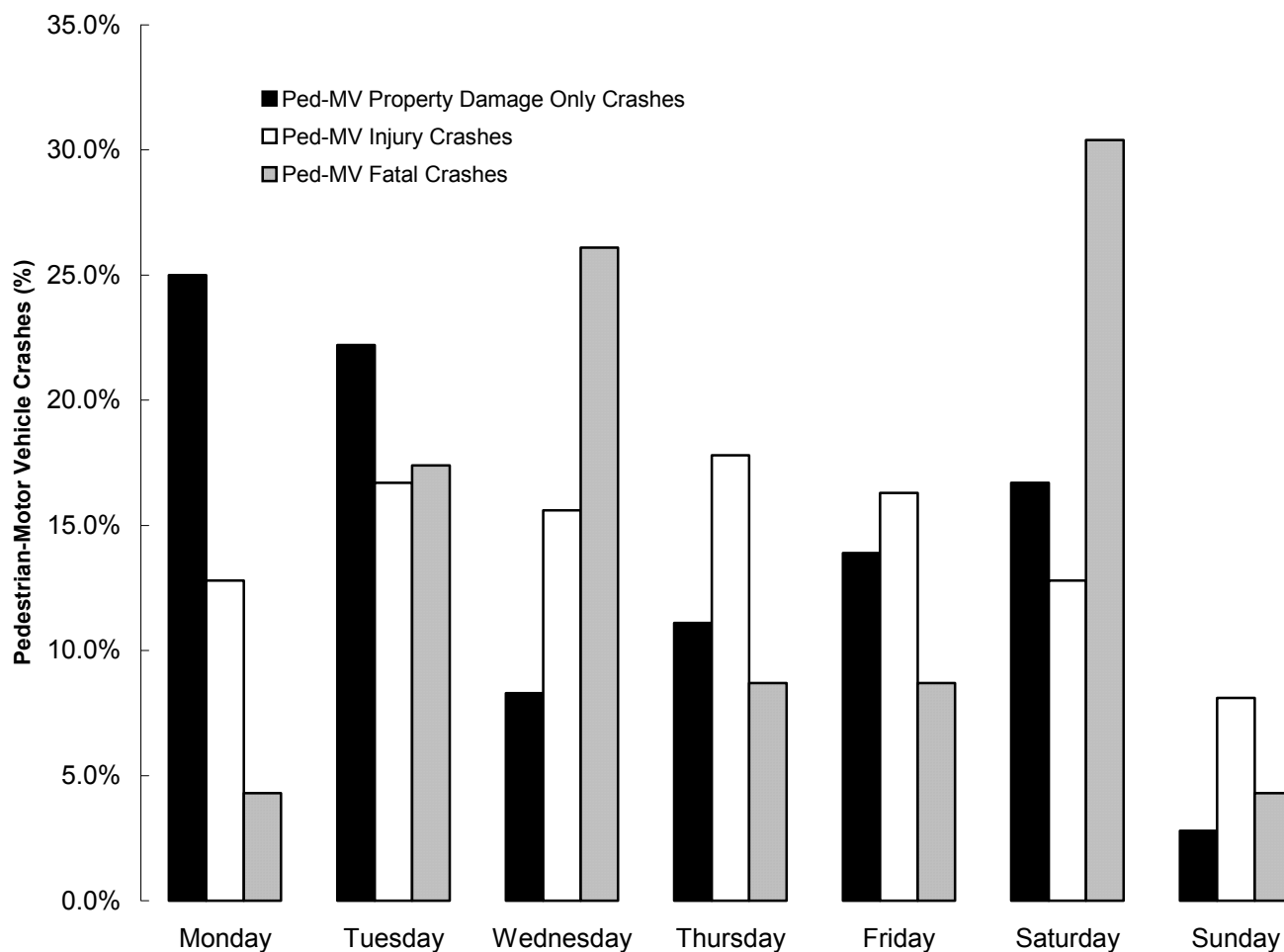
- The above table shows that January (2.1) and October (2.1) had the highest rates per day of total pedestrian-motor vehicle crashes.
- October had the highest rate per day of pedestrian-motor vehicle injury crashes (1.9).
- April (0.2) and May (0.2) had the highest rate per day of fatal pedestrian-motor vehicle crashes.

Pedestrian-Motor Vehicle Crash Characteristics

Pedestrian-Motor Vehicle Crashes by Day of Week (Utah 2003)

Pedestrian-Motor Vehicle Crashes								
Day of Week	Property Damage Only Crashes		Injury Crashes		Fatal Crashes		Total Crashes	
	#	%	#	%	#	%	#	%
Monday	9	25.0%	69	12.8%	1	4.3%	79	13.2%
Tuesday	8	22.2%	90	16.7%	4	17.4%	102	17.0%
Wednesday	3	8.3%	84	15.6%	6	26.1%	93	15.5%
Thursday	4	11.1%	96	17.8%	2	8.7%	102	17.0%
Friday	5	13.9%	88	16.3%	2	8.7%	95	15.9%
Saturday	6	16.7%	69	12.8%	7	30.4%	82	13.7%
Sunday	1	2.8%	44	8.1%	1	4.3%	46	7.7%
Total	36	100.0%	540	100.0%	23	100.0%	599	100.0%

Pedestrian-Motor Vehicle Crashes by Day of Week (Utah 2003)



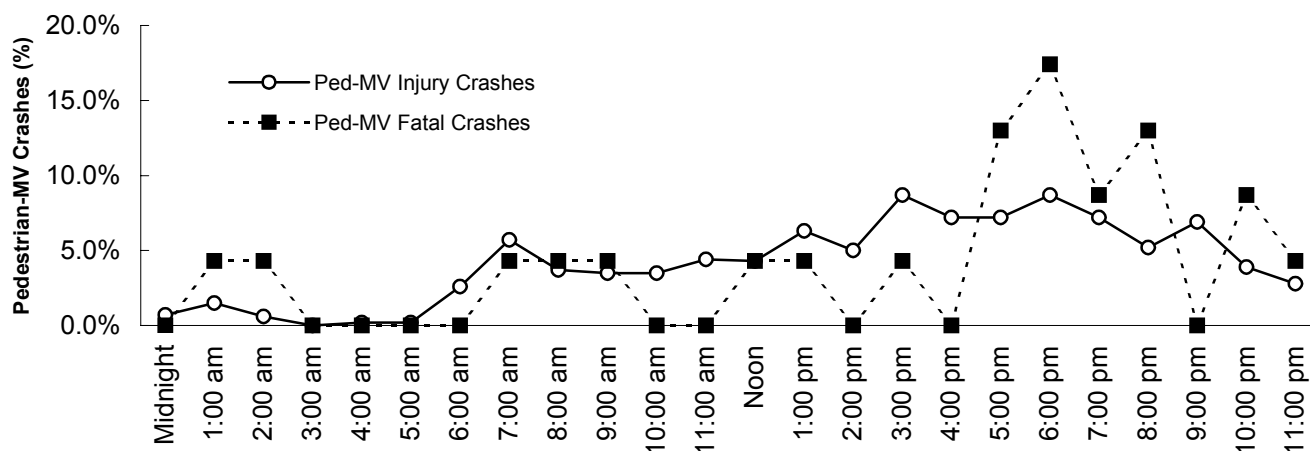
- The above table and graph show that the highest percentage of total pedestrian-motor vehicle crashes occurred on Tuesday (17.0%) and Thursday (17.0%).
- The highest percentage of pedestrian-motor vehicle injury crashes occurred on Thursday (17.8%).
- The highest percentage of fatal pedestrian-motor vehicle crashes occurred on Saturday (30.4%).

Pedestrian-Motor Vehicle Crash Characteristics

Pedestrian-Motor Vehicle Crashes by Hour of Day (Utah 2003)

Pedestrian-Motor Vehicle Crashes								
Hour	Property Damage Only Crashes		Injury Crashes		Fatal Crashes		Total Crashes	
	#	%	#	%	#	%	#	%
Midnight	0	0.0%	4	0.7%	0	0.0%	4	0.7%
1:00 am	0	0.0%	8	1.5%	1	4.3%	9	1.5%
2:00 am	0	0.0%	3	0.6%	1	4.3%	4	0.7%
3:00 am	0	0.0%	0	0.0%	0	0.0%	0	0.0%
4:00 am	0	0.0%	1	0.2%	0	0.0%	1	0.2%
5:00 am	1	2.8%	1	0.2%	0	0.0%	2	0.3%
6:00 am	0	0.0%	14	2.6%	0	0.0%	14	2.3%
7:00 am	2	5.6%	31	5.7%	1	4.3%	34	5.7%
8:00 am	1	2.8%	20	3.7%	1	4.3%	22	3.7%
9:00 am	2	5.6%	19	3.5%	1	4.3%	22	3.7%
10:00 am	0	0.0%	19	3.5%	0	0.0%	19	3.2%
11:00 am	2	5.6%	24	4.4%	0	0.0%	26	4.3%
Noon	1	2.8%	23	4.3%	1	4.3%	25	4.2%
1:00 pm	2	5.6%	34	6.3%	1	4.3%	37	6.2%
2:00 pm	2	5.6%	27	5.0%	0	0.0%	29	4.8%
3:00 pm	6	16.7%	47	8.7%	1	4.3%	54	9.0%
4:00 pm	4	11.1%	39	7.2%	0	0.0%	43	7.2%
5:00 pm	2	5.6%	39	7.2%	3	13.0%	44	7.3%
6:00 pm	2	5.6%	47	8.7%	4	17.4%	53	8.8%
7:00 pm	3	8.3%	39	7.2%	2	8.7%	44	7.3%
8:00 pm	2	5.6%	28	5.2%	3	13.0%	33	5.5%
9:00 pm	0	0.0%	37	6.9%	0	0.0%	37	6.2%
10:00 pm	3	8.3%	21	3.9%	2	8.7%	26	4.3%
11:00 pm	1	2.8%	15	2.8%	1	4.3%	17	2.8%
Total	36	100.0%	540	100.0%	23	100.0%	599	100.0%

Pedestrian-Motor Vehicle Crashes by Hour of Day (Utah 2003)



- In 2003, total pedestrian-motor vehicle crashes and pedestrian-motor vehicle injury crashes followed a similar time pattern, peaking between 3:00 pm and 7:00 pm.
- Fatal pedestrian-motor vehicle crashes occurred most often at 6:00 pm.

Pedestrian-Motor Vehicle Crash Characteristics

Locality of Pedestrian-Motor Vehicle Crashes (Utah 2003)

Pedestrian-Motor Vehicle Crashes								
Locality	Property Damage Only Crashes		Injury Crashes		Fatal Crashes		Total Crashes	
	#	%	#	%	#	%	#	%
Residential	11	30.6%	236	43.7%	8	34.8%	255	42.6%
Shopping/Business	19	52.8%	222	41.1%	11	47.8%	252	42.1%
School	3	8.3%	51	9.4%	0	0.0%	54	9.0%
Manufacturing/Industrial	2	5.6%	14	2.6%	1	4.3%	17	2.8%
Open Country	0	0.0%	8	1.5%	2	8.7%	10	1.7%
Farms and Fields	1	2.8%	3	0.6%	1	4.3%	5	0.8%
Church	0	0.0%	2	0.4%	0	0.0%	2	0.3%
Playground	0	0.0%	1	0.2%	0	0.0%	1	0.2%
Missing	0	0.0%	3	0.6%	0	0.0%	3	0.5%
Total	36	100.0%	540	100.0%	23	100.0%	599	100.0%

- The above table shows the majority of total pedestrian-motor vehicle crashes (42.6%) and pedestrian-motor vehicle injury crashes (43.7%) occurred in residential areas.
- Most fatal pedestrian-motor vehicle crashes occurred in shopping/business locations (47.8%).

Urban/Rural Location of Pedestrian-Motor Vehicle Crashes (Utah 2003)

Pedestrian-Motor Vehicle Crashes								
Urban/Rural Location	Property Damage Only Crashes		Injury Crashes		Fatal Crashes		Total Crashes	
	#	%	#	%	#	%	#	%
Rural Area - Up to 5,000	5	13.9%	85	15.7%	7	30.4%	97	16.2%
Small Urban - 5,000 to 49,999	2	5.6%	20	3.7%	3	13.0%	25	4.2%
Moderate Urban - 50,000 to 199,999	0	0.0%	9	1.7%	0	0.0%	9	1.5%
Large Urban - 200,000 or More	29	80.6%	424	78.5%	13	56.5%	466	77.8%
Missing	0	0.0%	2	0.4%	0	0.0%	2	0.3%
Total	36	100.0%	540	100.0%	23	100.0%	599	100.0%

- Urban areas accounted for 83.5% of total pedestrian-motor vehicle crashes, 83.9% of pedestrian-motor vehicle injury crashes and 69.5% of fatal pedestrian-motor vehicle crashes.

Pedestrian-Motor Vehicle Crash Characteristics

Type of Vehicles Involved in Pedestrian-Motor Vehicle Crashes (Utah 2003)

Vehicle Type	Vehicles							
	Vehicles Involved in Pedestrian-MV PDO Crashes		Vehicles Involved in Pedestrian-MV Injury Crashes		Vehicles Involved in Pedestrian-MV Fatal Crashes		Total Vehicles Involved in Pedestrian-MV Crashes	
	#	%	#	%	#	%	#	%
Passenger Car	23	51.1%	287	51.8%	11	42.3%	321	51.4%
Light Truck, Van or SUV	19	42.2%	230	41.5%	10	38.5%	259	41.4%
Hit and Run Vehicle	0	0.0%	21	3.8%	0	0.0%	21	3.4%
Large/Semi Truck	1	2.2%	5	0.9%	3	11.5%	9	1.4%
Motorcycle	0	0.0%	6	1.1%	1	3.8%	7	1.1%
Other	1	2.2%	2	0.4%	1	3.8%	4	0.6%
School Bus	1	2.2%	3	0.5%	0	0.0%	4	0.6%
Total	45	100.0%	554	100.0%	26	100.0%	625	100.0%

- The above table shows that the largest percentage of vehicles involved in total pedestrian-motor vehicle crashes (51.4%), pedestrian-motor vehicle injury crashes (51.8%) and fatal pedestrian-motor vehicle crashes (42.3%) were passenger cars.

Pedestrian-Motor Vehicle Crash Violations (Utah 2003)

Violations	Violations (Drivers)							
	Drivers Cited in Pedestrian-MV PDO Crashes		Drivers Cited in Pedestrian-MV Injury Crashes		Drivers Cited in Pedestrian-MV Fatal Crashes		Total Drivers Cited in Pedestrian-MV Crashes	
	#	%	#	%	#	%	#	%
Failure to Yield Right-of-Way	8	44.4%	86	51.5%	1	25.0%	95	50.3%
Improper Lookout	2	11.1%	18	10.8%	0	0.0%	20	10.6%
Other Non-Moving Violations	2	11.1%	16	9.6%	0	0.0%	18	9.5%
Driving Under the Influence	1	5.6%	10	6.0%	2	50.0%	13	6.9%
Hit and Run	1	5.6%	11	6.6%	1	25.0%	13	6.9%
All Other Moving Violations	0	0.0%	8	4.8%	0	0.0%	8	4.2%
Failure to Stop at Red Light	1	5.6%	4	2.4%	0	0.0%	5	2.6%
Negligent Collision	1	5.6%	3	1.8%	0	0.0%	4	2.1%
Speeding	0	0.0%	3	1.8%	0	0.0%	3	1.6%
Reckless Driving	0	0.0%	3	1.8%	0	0.0%	3	1.6%
Improper Backing	0	0.0%	3	1.8%	0	0.0%	3	1.6%
Wrong Side of Road	0	0.0%	2	1.2%	0	0.0%	2	1.1%
Following Too Close	1	5.6%	0	0.0%	0	0.0%	1	0.5%
Improper Turn (Failure to Signal)	1	5.6%	0	0.0%	0	0.0%	1	0.5%
Total	18	100.0%	167	100.0%	4	100.0%	189	100.0%

- In 2003, there were 612 drivers involved in pedestrian-motor vehicle crashes. Officers at the scene of the crash cited 189 (30.9%) of those drivers for a traffic violation.
- "Failure to yield right-of-way" was the leading violation for total pedestrian-motor vehicle crashes (50.3%), and pedestrian-motor vehicle injury crashes (51.5%).
- Only 4 of the 25 drivers involved in fatal pedestrian-motor vehicle crashes received a citation. The drivers were cited for "driving under the influence" (50.0%), "failure to yield right-of-way" (25.0%) and "hit and run" (25.0%).

Pedestrian-Motor Vehicle Crash Characteristics

Contributing Factors of Pedestrian-Motor Vehicle Crashes (Utah 2003)

Contributing Factors (Pedestrian-Motor Vehicle Crashes)								
Contributing Factors	Pedestrian-MV Property Damage Only Crashes		Pedestrian-MV Injury Crashes		Pedestrian-MV Fatal Crashes		Total Pedestrian-MV Crashes	
	#	%	#	%	#	%	#	%
Speed Too Fast	9	18.8%	152	23.8%	9	45.0%	170	24.1%
Other Improper Driving	10	20.8%	127	19.9%	4	20.0%	141	20.0%
Improper Lookout	8	16.7%	84	13.2%	1	5.0%	93	13.2%
Followed Too Closely	9	18.8%	47	7.4%	0	0.0%	56	7.9%
Failed to Yield Right of Way	0	0.0%	31	4.9%	0	0.0%	31	4.4%
Drove Left of Center	1	2.1%	26	4.1%	3	15.0%	30	4.2%
Non-Contact Vehicle Involved	0	0.0%	20	3.1%	0	0.0%	20	2.8%
Made Improper Turn	4	8.3%	15	2.4%	0	0.0%	19	2.7%
Driving Under the Influence	1	2.1%	18	2.8%	0	0.0%	19	2.7%
Improper Overtaking	1	2.1%	18	2.8%	0	0.0%	19	2.7%
Object in Roadway	1	2.1%	17	2.7%	0	0.0%	18	2.5%
Aggressive Driving	0	0.0%	13	2.0%	0	0.0%	13	1.8%
Wrong Side of Road	0	0.0%	10	1.6%	1	5.0%	11	1.6%
Tires Defective	0	0.0%	10	1.6%	0	0.0%	10	1.4%
Disregard Traffic Signal	1	2.1%	8	1.3%	0	0.0%	9	1.3%
Other Driver Distractions	1	2.1%	8	1.3%	0	0.0%	9	1.3%
Hit and Run	0	0.0%	8	1.3%	0	0.0%	8	1.1%
Had Been Drinking	0	0.0%	7	1.1%	0	0.0%	7	1.0%
Passed Stop Sign	0	0.0%	3	0.5%	1	5.0%	4	0.6%
Other Defective Condition of Vehicle	0	0.0%	4	0.6%	0	0.0%	4	0.6%
Brakes Defective	0	0.0%	3	0.5%	0	0.0%	3	0.4%
Fatigued	1	2.1%	1	0.2%	0	0.0%	2	0.3%
Sick or Ill	0	0.0%	2	0.3%	0	0.0%	2	0.3%
Under the Influence of Drugs	0	0.0%	2	0.3%	0	0.0%	2	0.3%
Headlights Insufficient or Out	0	0.0%	2	0.3%	0	0.0%	2	0.3%
Driver Using Cell Phone	0	0.0%	1	0.2%	0	0.0%	1	0.1%
Vehicle Rolling in Traffic Lane	0	0.0%	0	0.0%	1	5.0%	1	0.1%
Stolen	1	2.1%	0	0.0%	0	0.0%	1	0.1%
Headlights Glaring	0	0.0%	1	0.2%	0	0.0%	1	0.1%
Total	48	100.0%	638	100.0%	20	100.0%	706	100.0%

- Contributing factors were coded by the police officer at the scene of the crash for each vehicle involved in the crash. The officer may record no contributing factor or up to two different contributing factors.
- "Speed too fast" was the leading contributing factor for total pedestrian-motor vehicle crashes (24.1%), pedestrian-motor vehicle injury crashes (23.8%) and fatal pedestrian-motor vehicle crashes (45.0%).
- The combined contributing factors of "driving under the influence," "had been drinking" and "under the influence of drugs" accounted for 4.0% of total pedestrian-motor vehicle crashes and 4.2% of pedestrian-motor vehicle injury crashes.